

FORM PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800 (O)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		MAIL APPLICANT Hyal Pharmaceutical Corporation	
		FILING DATE 1996 June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
cp	4,141,973	02-1979	Balazs			
cp	4,582,865	04-1986	Balazs et al.			
cp	4,636,524	01-1987	Balazs et al.			
cp	4,711,780	12-1987	Fahim			
cp	4,725,585	02-1988	Wenge et al.			
cp	4,736,024	04-1988	Della Valle et al.			
cp	4,755,544	07-1988	Makino et al.			
cp	4,795,741	01-1989	Leshchiner et al.			
cp	4,801,619	01-1989	Lindblad			
cp	4,808,576	02-1989	Schultz et al.			
cp	4,814,176	03-1989	Makino et al.			
cp	4,840,941	06-1989	Ueno et al.			
cp	4,851,521	07-1989	della Valle et al.			
cp	4,937,254	06-1990	Sheffield et al.			
cp	4,957,744	09-1990	della Valle et al.			
cp	4,965,353	10-1990	della Valle et al.			
cp	4,970,298	11-1990	Silver et al.			
	07/338,106	04-1989	Falk			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
cp	1,205,031	05-1986	Canada				
cp	1,240,929	08-1988	Canada				
cp	0 138 572	04-1985	Europe				
cp	0 179 442	04-1986	Europe				
cp	0 197 718	10-1986	Europe				
cp	0 208 623	01-1987	Europe				
cp	0 216 453	04-1987	Europe				
cp	0 224 987	06-1987	Europe				

*This was taken from Application Serial No. 07/675,908

FORM PTO-1449 (REV. 8-83)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. P-0800(0)-2		APPLICATION SERIAL NO. 08/462,148	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Hyal Pharmaceutical Corporation			
				FILING DATE June 1995		GROUP 1211	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
in		0 240 098	10-1987	Europe			
in		0 265 116	04-1988	Europe			
in		0 270 317	06-1988	Europe			
in		0 285 357	10-1988	Europe			
in		0 287 210	10-1988	Europe			
in		0 295 092	12-1988	Europe			
in		0 296 740	12-1988	Europe			
		63/045223		Japan	English translation will follow		
in		61000017	01-1986	Japan	English translation will follow		
		WO 88/07060	09-1988	PCT			
		WO 89/07932	09-1989	PCT			
		WO 91/04058	04-1991	Int'l Search Report			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
in		Sandra Blakeslee, "Solid cores of tumors keeping out best drugs", July 8, 1989 edition of the Globe and Mail, Toronto, Ontario, Page D4.					
in		Pam Harrison, "Toxic drug tamed but still potent" <u>Ontario Medicine</u> , Volume 8, No. 16 dated August 21, 1989, Page 1.					
in		<u>The Merck Index</u> Eleventh Edition, Centennial Edition, Hyaluronic Acid formulation, Pages 751 and 752.					
in		Alan R. Liss, Inc., Modulation of Immunity in Cancer Patients by Prostaglandin Antagonists, <u>Immunity to Cancer II</u> (will follow)					
in		Goodwin, J.S. Prostaglandin E and Cancer Growth Potential for Immunotherapy with Prostaglandin Synthesis Inhibitors, <u>Augmentive Agents in Cancer Therapy</u> , Raven Press, New York, (1981) (will follow)					
in		Dr. Samuel Asculai, " <u>Inactivation of Herpes Simplex Viruses by Nonionic Surfactants</u> ", <u>Antimicrobial Agents and Chemotherapy</u> , April 1978, pp. 686-690. (will follow)					
EXAMINER L. P. L.				DATE CONSIDERED 6-6-96			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. P-0800(0)-2	SERIAL NO. 08/462,148
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		
(Use several sheets if necessary)		
APPLICANT Hyal Pharmaceutical Corporation.		GROUP 1211
FILING DATE June 5, 1995		

REFERENCE DESIGNATION		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCKET NUMBER	DATE	NAME	CASE	SUBCLASS	FILE DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
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	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
		DOCKET NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	AL	2105112	12-18-90	ITALY			
	AM	02111	7-2-78	FR			
	AN	71016	3-1-57	UK			
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)	
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EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement—Section 9 PTO-1449 (Modified) [6-1]—page 1 of 1

*This was taken from Application Serial NO. 07/675,908

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				ATTY. DOCKET NO. P-0800(0)-2		SERIAL NO. 08/462,148	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> 27 DEC 12 1995 U.S. PATENT & TRADEMARK OFFICE </div>				APPLICANT Hyal Pharmaceutical Corporation		FILING DATE June 5, 1995	
				GROUP 1211			
REFERENCE DESIGNATION							
EXAMINER INITIAL	AA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL						
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	AN						
	AO						
	AP						
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS						
	AT						
EXAMINER				DATE CONSIDERED			

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(Information Disclosure Statement—Section 9 PTO-1449 (Modified) [6-1]—page — of —)

This was taken from Application Serial No. 07/675,908

FORM PTO-1449 (Rev. 2-3-72)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800(0)-2	SERIAL NO. 08/462,148
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT Hyal Pharmaceutical Corporation	
		FILING DATE June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Exm Initial	Document Number	Date	Country	Class	Sub Class	Translation YES	NO
g	AUB14534/88	11/10/90	Australia				
W	WO88/07060	09/22/88	PCT				
g	AUB17459/88	12/15/88	Australia				
W	WO89/05645	06/29/89	PCT				
g	62-201825	09/05/87	Japan (English Translation)				
g	62-287041	11/17/89	Japan (English Translation)				

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	G. Peller	Date Considered	6-6-96
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

***This was taken from Application Serial No. 07/675,908**

CITATION OF PRIOR ART

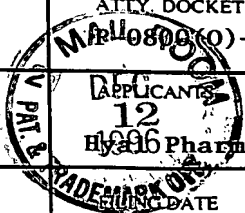
Sheet 1 of 6

FORM PT0-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	DEC 12 1990 MAIL ROOM TRADEMARK	AT P-DOCKET NO. P-0800(O)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			APPLICANTS Hyal Pharmaceutical Corporation	
			FILING DATE June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
lp	2,583,096	01 1952	Hadidian et al	—	—	
lp	3,436,454	04-1969	Nouvel	—	—	
lp	3,887,703	06-1975	Manoussos et al	—	—	
lp	4,272,522	06-1981	Balazs	—	—	
un	4,716,224	12-1987	Sakurai et al.	—	—	
lp	4,853,226	08-1989	Machida et al.	—	—	
lp	4,946,870	08-1990	Partain, III. et al.	—	—	
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub- Class	Translation YES NO
lp	B-72117/87	12-1987	Australia	—	—	
lp	B-17459/88	12-1988	Australia	—	—	
lp	30806/84	07-1984	Australia	—	—	
lp	0,378,852	12-1989	Europe	—	—	
lp	1,283,892	08-1972	Great Britain	—	—	
lp	2,099,826-A	12-1982	Great Britain	—	—	
lp	A-116678/88 Application	11-1989 Laid-Open-to-Public	Japan	—	—	Yes
lp	61-233,622	10-1986	Japan	—	—	No
lp	57-183,707	12-1982	Japan	—	—	Yes
lp	2,364,373	10-1975	Germany	—	—	Yes

*This was taken from Application Serial No. 07/675,908

FORM PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 08/462,148-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		 APPLICANT Hyal Pharmaceutical Corporation	
		FILED DATE June 5, 1995	GROUP 1211

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

6	Alaverdyan MI, Ter-Avetisyan AT. Effect of hyaluronidase, hyaluronic acid, and some other substances on postradiational experimental bacteriemia. <i>Bulletin of Experimental Biology and Medicine</i> 1967; 64(9): 967-969.
6	Balazs EA, Gibbs DA. The rheological properties and biological function of hyaluronic acid. In: <i>Chemistry and Molecular Biology of the Intercellular Matrix. Volumes III.</i> New York: Academic Press, 1970. PP. 1241-1253.
6	Balazs EA, Band P. Hyaluronic acid: Its structure and use. <i>Cosmetics & Toiletries . Polymers in Cosmetics</i> 1984; 99: 65-72.
6	Camber O, Lundgren P. Diffusion of some low molecular weight compounds in sodium hyaluronate. <i>Acta Pharmaceutica Suecica</i> 1985; 22(6): 315-320.
6	Camber O, Edman P, Gurny R. Influence of sodium hyaluronate on the meiotic effect of pilocarpine in rabbits. <i>Current Eye Research</i> 1987; 6(6): 779-784.
6	Chang S-C. Pro-drug and vehicle approaches to improve the therapeutic index of topically applied timolol in the pigmented rabbit. <i>Dissertation Abstracts International</i> 1988; 49(2): 367-B.

FORM PT0-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800(O)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION 1996 (Use several sheets if necessary)		APPLICANTS Hyal Pharmaceutical Corporation	
		FILING DATE June 5, 1995	GROUP 1211

lp	Cravioto, R.O., et al. Effects of Precipitates Formed by Insulin with Hyaluronic Acid and Mucoid From Vitreous Humor in Depressing Blood-Sugar Levels <i>Science</i> (1950); Vol. 111: 520-521
lp	Gieldanowski, Jerzy; Skowronska, Jadwiga Studies on immunosuppressive and anti-inflammatory effect of adriamycin. <i>Arch. Immunol. Ther. Exp.</i> (1980); 28 (3): 439-446
lp	Hassan HG, Akerman B, Ranck H, Lindberg B, Lindquist B. Effects of adjuvants to local anaesthetics on their duration. <i>Acta Anaesthesiol. Scand.</i> 1985; 29: 384-388.
lp	Hurd ER Immunosuppressive and anti-inflammatory properties of cyclophosphamide, azathioprine and methotrexate. <i>Arthritis and Rheumatism</i> (1973 Jan-Feb); 16 (1): 84-88
lp	Idson B. Polymers in skin cosmetics. <i>Cosmetics & Toiletries</i> 1988; 103: 63-68.
lp	Johansson A, Hassan H, Renck H. Effects of adjuvants to local anaesthetics on their duration. <i>Acta Anaesthesiol. Scand.</i> 1985; 29: 736-738.
lp	Kalbhen D.A. The inhibitory effects of steroidal and non-steroidal antirheumatic drugs on articular cartilage in osteoarthritis and its counteraction by a biological GAG-peptide complex (Rumalon®). <i>Z. Rheumatol</i> (1982); 41: 202-211

FORM PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800(O)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANTS Hyal Pharmaceutical Corporation	
		FILING DATE June 5, 1995	GROUP 1211

67	Katsu M., Abe T., Shimada S. Significance and clinical use of non-steroid anti-inflammatory drugs as substitutes for steroids in steroid dependence. <i>Nippon Rinsho</i> (1968 Jan); 26(1): 89-95
68	Kreis H, Chkoff N, Droz D, et al. Nonsteroid anti-inflammatory agents as a substitute treatment for steroids in ATGAM-treated cadaver kidney recipients. <i>Transplantation</i> (1984 Feb.); 37(2): 139-145
69	McIlwraith W. Current concepts in equine degenerative joint disease. <i>Journal of the American Veterinary Medical Association</i> 1982; February 1: 239-250.
70	Mizushima, Y. Possibility of non-steroid anti-inflammatory drugs as a substitute for steroids-analysis of the present situation and demands for the future. <i>Nippon Rinsho</i> (Jan. 1986); 26(1): 61-65
71	Nizolek DJH, White KK. Corticosteroid and hyaluronic acid treatments in equine degenerative joint disease: A review. <i>The Cornell Veterinarian</i> 1981; 71(4): 355-375.
72	Pigman W, et al. Acide hyaluronique et facteurs de perméabilité tissulaire. <i>Bull. Soc. Chim. Biol.</i> 1963; 5(2-3): 185-202.
73	Pruett RC, Schepens CL, Constable IJ, Swann DA. Hyaluronic acid vitreous substitute. In: <i>Vitreous Surgery and Advances in Fundus Diagnosis and Treatment.</i> Freeman H.M., et al., Editors. Appleton-Century-Crofts, 1977: Chapter 55. pp. 433-444.

FORM PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800(0)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANTS Hyal Pharmaceutical Corporation	
		FILING DATE 1995 June 5, 1995	GROUP 1211

67	Reim M, Teping C. Surgical procedures in the treatment of most severe eye burns. <i>Acta Ophthalmologica</i> 1989-Supplementum 192; 67: 47-54.
67	Rydell NW, Balazs EA. Effect of intra-articular injection of hyaluronic acid on the clinical symptoms of osteoarthritis and on granulation tissue formation. <i>Clinical Orthopaedics and Related Research</i> 1971; 80(October): 25-29.
67	Saba P, Galeone F, Salvadorini F, Guarguaglini M, Ombrato M. Investigation of the antihyperlipemic activity of an association of clofibrate and extractive mucopolysaccharide complex. <i>Current Therapeutic Research</i> 1978; 23(4): 455-463.
67	Stegman R, Miller D. Use of sodium hyaluronate in severe penetrating ocular trauma. <i>Acta Ophthalmol.</i> 1986; 18: 9-13.
67	Trabucchi E, Foschi D, Marazzi M, Radaelli E, Lucianetti A, Rizzitelli E, Baratti C, et al. Prevention of wound dehiscence in severely obese patients with jejunio-ileal by-pass: The role of hyaluronic acid. <i>Pharmatherapeutica</i> 1988; 5(4): 233-239.
67	Sertoli P, Merello A, Parodi M. L'acido ialuronico, per uso topico, nella cura delle ulcere trofo-circolatorie degli arti inferiori. (Comunicazioni). <i>Giornale Italiano di Dermatologia</i> 1970; 45(8): 468-471.
67	Walther, M. The Prevention of Striae Cutis Distansae During Pregnancy. <i>Mineva Gynecologia</i> (1981) Vol. 33: 497-499

FORM PT0-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. P-0800(0)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANTS Hyal Pharmaceutical Corporation	
		1996 FILING DATE June 5, 1995	GROUP 1211

6p	Weirich, E.G., Longauer, J.K., Kirkwood, A.H. Dermatopharmacology of salicylic acid. III. Topical contra-inflammatory effect of salicylic acid and other drugs in animal experiments. <i>Dermatologica</i> (1976); 152(2): 87-99
EXAMINER <i>G. Pesh</i>	
DATE CONSIDERED <i>6-696</i>	
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

CITATION OF PRIOR ART

Sheet 1 of 1

FORM PTO-1449 (REV. 8-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	MAIL ROOM 21 DEC 12 1996 P-500(0)-2	APPLICATION SERIAL NO. 08/462,148
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT H. J. Pharmaceutical Corporation	
		FILING DATE June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,166,331	11-1992	Fidia			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
Ln	14534/88	11-1990	Australia			
Ln	15456/88	09-1988	Australia			
Ln	17459/88	08-1991	Australia			
Ln	29145/89	06-1989	Australia			
	62201825		Japan - English translation			
	62287041		Japan - English translation			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>h. Peller</i>	DATE CONSIDERED <i>6-696</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*This was taken from Applicatin Serial No. 07/838,674

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ALATY DOCKET NO. P-0800(0)-2	SERIAL NO. 08/462,148
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT 19961 Pharmaceutical Corporation	
		FILED DATE June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
LP	4,141,973	2/79	Balazs			
LP	4,582,865	4/86	Balazs et al.			
LP	4,636,524	1/87	Balazs et al.			
LP	4,711,780	12/87	Fahim			
LP	4,725,585	2/88	Wenge et al.			
LP	4,736,024	4/88	Della Valle et al.			
LP	4,755,544	7/88	Makino et al.			
LP	4,795,741	1/89	Leschiner et al.			
LP	4,801,619	1/89	Lindblad			
LP	4,808,576	2/89	Schultz et al.			
LP	4,814,176	3/89	Makino et al.			
LP	4,840,941	6/89	Ueno et al.			
LP	4,851,521	7/89	della Valle et al.			
LP	4,937,254	6/90	Sheffield et al.			
LP	4,957,744	9/90	della Valle et al.			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
LP	0 138 572	4/85	Europe			
LP	0 179 442	4/86	Europe			
LP	0 197 718	10/86	Europe			
LP	0 208 623	1/87	Europe			
LP	0 216 453	4/87	Europe			
LP	0 224 987	6/87	Europe			
LP	0 240 098	10/87	Europe			
LP	0 265 116	4/88	Europe			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

LP		Blakeslee, S., "Solid cores of tumors keeping out best drugs", July 8, 1989
LP		edition of The Globe and Mail, Toronto, Ont., p. D4
LP		Harrison, P., "Toxic drug tamed but still potent", Ontario Medicine,
LP		Vol. 8, No. 16, 8/21/89, p. 1
LP		The Merck Index, Eleventh Edition, Centennial Edition,
LP		Hyaluronic Acid formulation, pp. 751-752
LP		Braun, DP et al., "Modulation of Immunity in Cancer Patients by Prostaglandin
LP		Antagonists", Immunity to Cancer II, 1989, pp 439-448, Alan R. Liss, Inc.,

Examiner <i>G. K. Kelle</i>	Date Considered <i>6-6-96</i>
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Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449

(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
P20890(0)-2SERIAL NO.
08/462,148Information Disclosure
Statement by Applicant

(Use several sheets if necessary)

1996 Hya Pharmaceutical Corporation

FILING DATE
June 5, 1995GROUP
1211

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
Lp	4,965,353	10/90	della Valle et al.			
Lp	4,970,298	11/90	Silver et al.			
Lp	4,684,627	8/87	LeVeen et al.			
Lp	4,303,676	12/81	Balazs			
Lp	5,166,331	11/92	della Valle et al.			
Lp	5,095,037	3/92	Iwamitsu et al.			
Lp	2,583,096	1/52	Hididian et al.			
Lp	3,436,454	4/69	Nouvel			
Lp	3,887,703	6/75	Manoussos et al.			
Lp	4,272,522	6/81	Balazs			
Lp	4,716,224	12/87	Sakurai et al.			
Lp	4,853,226	8/89	Machida et al.			
Lp	4,946,870	8/90	Partain, III, et al.			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
Lp	0 270 317	6/88	Europe			
Lp	0 285 357	10/88	Europe			
Lp	0 287,210	10/88	Europe			
Lp	0 295 092	12/88	Europe			
Lp	0 296 740	12/88	Europe			
Lp	0 312 208		Europe (abstract only)			
Lp	0 341 745	5/89	Europe			
Lp	0 244 718	4/87	Europe			
Lp	0 378.852	7/90	Europe			

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

Lp		Goodwin, J.S., Prostaglandin E and Cancer Growth: Potential for Immunotherapy with Prostaglandin Synthesis Inhibitors, <u>Augmentive Agents in Cancer Therapy</u> , Raven Press, New York (1981), pp 393-415
Lp		Asculai, Dr. S., "Inactivation of Herpes Simplex Viruses by Nonionic Surfactants", <u>Antimicrobial Agents and Chemotherapy</u> , 4/78, pp. 686-690
Lp		Sneader, W.E., Chemical Abstracts, vol. 76, no. 10, "Possible Mechanism for Action of DMSO on Percutaneous absorption, <u>J. Pharm. Pharmacol</u> , 1971, 23 (Supp)

Examiner

C. Miller

Date Considered

6-896

Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	PAT. DOCKET NO. P-0800(O)-2	SERIAL NO. 08/462,148
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT Hyal Pharmaceutical Corporation	
		FILED DATE June 5, 1995	GROUP 1211

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
	07/338,106	4/89	Falk (application)			

FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
12	1,205,031	5/86	Canada			
12	1,240,929	8/88	Canada			
12	2,031,880	12/90	Canada			
12	63/045223	2/88	Japan (w/abstract)			
12	61000017	1/86	Japan (w/abstract)			
12	1287041		Japan (abstract only)			
12	62201825	1987	Japan (w/abstract)			
12	62201825	9/87	Japan (translation)			X
12	62287041	11/89	Japan (translation)			X
12	A11678/88	5/88	Japan (laid open) (see 1-287041 above)			X
12	61-233622	10/86	Japan (w/ abstr)			X
12	57-183707	11/82	Japan (translation) (corrected date)			X

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12		International Preliminary Examination Report for PCT/CA90/00306 and attachment substitute claims
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12		Bulletin of Experimental Biology & Medicine 1967: 64(9): 967-969
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FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. P-0800(O)-2	SERIAL NO 08/462,148
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT H. S. Pharmaceutical Corporation	
		FILING DATE June 5, 1995	GROUP 1211

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Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date

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Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
Lr	AUB14534/88	11/90	Australia (corrected date)			
Lr	AUB17459/88	12/88	Australia			
Lr	B-72117/87	12/87	Australia			
Lr	B-17459/88	12/88	Australia			
Lr	30806/84	7/84	Australia			
Lr	769,287	3/57	UK			
Lr	1,283,892	8/72	GB			
Lr	2,099,826-A	12/82	GB			
Lr	2364373	10/75	Germany			X
Lr	WO88/07060	9/88	PCT			
Lr	WO89/07932	9/89	PCT			
	WO91/04058	4/91	Internat'l Search Report (corresponds to U.S. Appl.)			
Lr	WO88/07060	9/88	PCT (submitted twice)			
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Lr	Balez E.A. et al. "Hyaluronic acid: Its structure and use", <u>Cosmetics & Toiletries</u> , Polymers in Cosmetics 1984; 99: 65-72
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Lr	Camber O. et al. "Influence of sodium hyaluronate on the meiotic effect of pilocarpine in rabbits", <u>Current Eye Research</u> 1987; 6(6): 779-784
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FORM PTO-1449
(Rev. 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

P-0800 (C)-2

SERIAL NO.

08/462,148

Information Disclosure
Statement by Applicant

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INVENTOR

Hyal Pharmaceutical Corporation

FILING DATE

June 5, 1995

GROUP

1211

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h		Cravioto R O et al, "Effects of Precipitates Formed by Insulin with Hyaluronic Acid and Mucoïd from Vitreous Humor in Depressing Blood-Sugar Levels" <i>Science</i> (1950); Vol. 111: 520-521	F
h		Gieldanowski J et al, "Studies on immunosuppressive and anti-inflammatory effects of adriamycin", <i>Arch. Immunol. Ther. Exp.</i> (1980); 28(3): 439-446	F
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h		Kalbhen D.A., "The inhibitory effects of steroidal and non-steroidal antirheumatic drugs on articular cartilage in osteoarthritis and its counteraction by a biological GAG-peptide complex (Rumalon®)", <i>Z. Rheumatol</i> (1982); 41: 202-211	F
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h		Nizolek D.J.H. et al, "Corticosteroid and hyaluronic acid treatments in equine degenerative joint disease: A Review" <i>The Cornell Veterinarian</i> 1981; 71(4): 355-375	F
h		Pigman W et al, "Acide hyaluronique et facteurs de permeabilite tissulaire" <i>Bull. Soc. Chim. Biol.</i> 1963; 45(2-3): 185-202	F
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Examiner

C. R. R. R.

Date Considered

6-6-96

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Information Disclosure Statement by Applicant

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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner	<i>W. R. L.</i>	Date Considered	<i>6-6-6</i>
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